

O I P E  
MAY 21 2002  
S98  
U S P A T E N T & T R A D E M A R K O F F I C E  
PATENT APPLICATION

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of

Hyun-doo SHIN, et al.

Appln. No.: 09/822,832

Group Art Unit: 2151

Confirmation No.: 8468

Examiner: NOT YET ASSIGNED

Filed: April 02, 2001

For: DATABASE BUILDING METHOD FOR MULTIMEDIA CONTENTS

**CONSENT OF THE ASSIGNEE TO CORRECTION OF  
INVENTORSHIP IN ACCORDANCE WITH 37 CFR § 1.48**

Commissioner for Patents  
Washington, D.C. 20231

Sir:

The undersigned, a representative of THE REGENTS OF THE UNIVERSITY OF CALIFORNIA, represents that THE REGENTS OF THE UNIVERSITY OF CALIFORNIA, is the owner of the entire right, title and interest of inventors Bangalore S. MANJUNATH, Baris SUMENGEN, and Shawn NEWSAM in Application No. 09/822,832, filed on April 02, 2001 for DATABASE BUILDING METHOD FOR MULTIMEDIA CONTENTS by virtue of an Assignment from the aforementioned inventors thereof executed on November 7, 2001, November 9, 2001 and November 8, 2001, respectively.

The undersigned hereby certifies that the above-mentioned Assignment has been reviewed and to the best of the undersigned's knowledge and belief, title is in THE REGENTS OF THE UNIVERSITY OF CALIFORNIA, who is seeking to take this action.

The undersigned (whose title is supplied below) is empowered to sign this consent statement on behalf of the assignee.

THE REGENTS OF THE UNIVERSITY OF CALIFORNIA, hereby consents to the correction of inventorship in connection with the above-identified application whereby the name of Shawn NEWSAM is added as a co-inventor.

Date:

  
[Signature]

Linda S. Stevenson

[TITLE] Manager, Patent Prosecution

PATENT APPLICATION

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE



In re application of

Hyun-doo SHIN, et al.

Appln. No.: 09/822,832

Group Art Unit: 2151

Confirmation No.: 8468

Examiner: NOT YET ASSIGNED

Filed: April 02, 2001

For: DATABASE BUILDING METHOD FOR MULTIMEDIA CONTENTS

**CONSENT OF THE ASSIGNEE TO CORRECTION OF  
INVENTORSHIP IN ACCORDANCE WITH 37 CFR § 1.48**

Commissioner for Patents  
Washington, D.C. 20231

Sir:

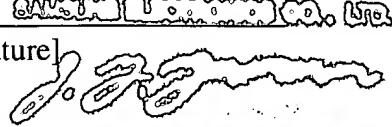
The undersigned, a representative of SAMSUNG ELECTRONICS CO., LTD., represents that SAMSUNG ELECTRONICS CO., LTD. is the owner of the entire right, title and interest of inventors Hyun-doo SHIN and Yang-lim CHOI in Application No. 09/822,832, filed on April 02, 2001 for DATABASE BUILDING METHOD FOR MULTIMEDIA CONTENTS by virtue of an Assignment from the aforementioned inventors thereof executed on July 4, 2001.

The undersigned hereby certifies that the above-mentioned Assignment has been reviewed and to the best of the undersigned's knowledge and belief, title is in SAMSUNG ELECTRONICS CO., LTD. who is seeking to take this action.

The undersigned (whose title is supplied below) is empowered to sign this consent statement on behalf of the assignee.

SAMSUNG ELECTRONICS CO., LTD., hereby consents to the correction of inventorship in connection with the above-identified application whereby the name of Shawn NEWSAM is added as a co-inventor.

Date: 25 April 2002

  
[Signature]  
JONG YONG YUM, PRESIDENT  
[TITLE]

**RECEIVED**  
MAY 28 2002  
Technology Center 2100

O I P E  
MAY 21 2002  
JC98  
U.S. TRADEMARK OFFICE

**PATENT APPLICATION**

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re application of

Hyun-doo SHIN, et al.

Appln. No.: 09/822,832

Group Art Unit: 2151

Confirmation No.: 8468

Examiner: NOT YET ASSIGNED

Filed: April 02, 2001

For: DATABASE BUILDING METHOD FOR MULTIMEDIA CONTENTS

**STATEMENT OF ADDED INVENTOR  
IN SUPPORT OF REQUEST UNDER 37 C.F.R. § 1.48  
TO CORRECT INVENTORSHIP**

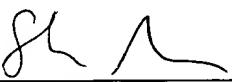
Commissioner for Patents  
Washington, D.C. 20231

Sir:

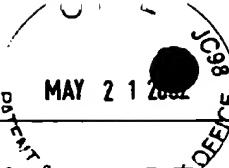
I, Shawn NEWSAM, the inventor being added to the above-identified application do hereby declare that an error occurred in naming the inventors of the above-identified application and that the error occurred without deceptive intention on my part.

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful statements and the like so made are punishable by fine or imprisonment or both under 18 USC §1001, and may jeopardize the validity of the application or any patent issuing thereon.

Date: 3/15/2

  
\_\_\_\_\_  
Shawn Newsam

**RECEIVED**  
MAY 28 2002  
Technology Center 2100



# Declaration and Power of Attorney for Patent Application

## 특허 출원 관련 선언 및 위임장

### Korean Language Declaration

아래 지명된 발명자로서, 본인은 하기 사항을 선언합니다.

As a below named inventor, I hereby declare that:

본인의 거주지, 우편 주소 및 국적은 본인의 성명 아래에 기재된 것과 동일합니다.

My residence, mailing address and citizenship are as stated next to my name.

본인은 하기 명시된 발명에 대한 특허를 청구하는 주제의 최초 원래 단독 발명자이거나 (아래에 한 이름만이 기재된 경우) 또는 최초 원래 공동 발명자임을 (아래에 여러 이름이 기재된 경우) 확인합니다.

I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled

DATABASE BUILDING METHOD FOR MULTIMEDIA

CONTENTS

*RECEIVED*

MAY 28 2002

*Technology Center 2100*

the specification of which is attached hereto unless the following box is checked:

was filed on April 2, 2001  
 as United States Application Number or PCT  
 International Application Number  
09/822,832 (Conf. No. 8468)  
 and was amended on

(if applicable).

I hereby state that I have reviewed and understand the contents of the above identified specification, including the claims, as amended by any amendment referred to above.

I acknowledge the duty to disclose information which is material to patentability as defined in Title 37, Code of Federal Regulations, § 1.56.

본인은 연방 규정 코드인 제37장의 제1.56항에 의거하여 특허 자격에 관한 자료 정보를 공개할 의무를 인정합니다.

## **Korean Language Declaration**

본인은 외국인 특허 출원(들)이나 발명자의 증명서 관련 경우에는 미합중국 코드인 제35장의 제 119(a)-(d)항이나 제365(b)항에 의거하여 또는 미합중국 이외에 적어도 한 국가를 지정하는 PCT 국제 출원의 경우에는 제365(a) 항에 의거하여 하기 명시된 특허 출원의 외국 우선권을 주장하며, 외국인 특허 출원, 발명자 증명서 또는 우선권이 주장되는 출원일 이전에 제출된 PCT 국제 출원도 또한 아래에 해당란을 체크함으로써 확인하였습니다.

I hereby claim foreign priority under Title 35, United States Code, § 119(a)-(d) or § 365(b) of any foreign application(s) for patent or inventor's certificate, or § 365(a) of any PCT International application which designated at least one country other than the United States, listed below, and have also identified below, by checking the box, any foreign application for patent or inventor's certificate, or PCT International application having a filing date before that of the application on which priority is claimed.

Prior foreign application(s)  
이전의 외국인 출원(들)

00-54868  
(Number)  
(번호) Republic of Korea  
(Country)  
(국가)

19/September/2000  
(Day/Month/Year Filed)  
(출원일자 년/월/일)

Priority Claimed  
우선권 주장함

(Number) \_\_\_\_\_ (Country) \_\_\_\_\_  
(번호) \_\_\_\_\_ (국가) \_\_\_\_\_

(Day/Month/Year Filed)  
(출원 일자 년/월/일)

卷之三

본인은 미합중국 코드인 제35장 제 119(e)항에 명시된 바와  
같이 하기 미합중국 가출원에 관련된 특권을 요구합니다.

I hereby claim the benefit under Title 35, United States Code, § 119(e) of any United States provisional application(s) listed below.

(Application No.) (Filing Date)  
(출원 번호) (출원 일자)

I hereby claim the benefit under Title 35, United States Code, § 120 of any United States application(s), or § 365(c) of any PCT International application designating the United States, listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States or PCT International application in the manner provided by the first paragraph of Title 35, United States Code, § 112, I acknowledge the duty to disclose information which is material to patentability as defined in Title 37, Code of Federal Regulations, § 1.56 which became available between the filing date of the prior application and the national or PCT International filing date of this application.

(Application No.) (Filing Date)  
(출원 번호) (출원 일자)

(Status: patented, pending, abandoned)  
(현황: 특허 획득, 출원중, 포기)

(Application No.) (Filing Date)  
(출원 번호) (출원 일자)

(Status: patented, pending, abandoned)  
(현황: 특허 획득, 출원중, 포기)

본인이 아는 한도 내에서 여기에 제공된 모든 내용이 사실이고, 제공된 정보나 소신이 모두 사실임을 확인하며, 더 나아가 미합중국 코드 제 18장의 1001절에 명시된 바와 같이 그 의의 허위 진술 및 이와 유사한 행위는 벌금이나 투옥으로 처벌받거나 벌금과 감옥형을 모두 받을 수 있고 어떠한 고의의 허위 진술은 특히 출원이나 후에 벌금을 특허의 유효성을 위태롭게 함을 인지하면서 여기에 진술함을 선언합니다.

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

## Korean Language Declaration

위임장: 본인은 본건 출원을 수행하고 관련 특허 및 상표 업무의 모든 사무를 처리하기 위하여 하기 표시한 USPTO 고객 번호에 등재된 SUGHRUE MION, PLLC의 모든 대리인들은 본인의 대리인으로 지명하는 바이며, 해당 고객 번호에 등재된 어떤 특정 대리인들이 Sughrue Mion, PLLC의 재량에 따라 수시로 변동될 수 있음을 인정하며, 출원에 대한 모든 서신이 동일한 USPTO 고객 번호에 기재된 주소로 송부되어야 함을 요구합니다.

POWER OF ATTORNEY: I hereby appoint all attorneys of SUGHRUE MION, PLLC who are listed under the USPTO Customer Number shown below as my attorneys to prosecute this application and to transact all business in the Patent and Trademark Office connected therewith, recognizing that the specific attorneys listed under that Customer Number may be changed from time to time at the sole discretion of Sughrue Mion, PLLC, and request that all correspondence about the application be addressed to the address filed under the same USPTO Customer Number.



23373

PATENT TRADEMARK OFFICE

직통 전화 번호: (성명 및 전화 번호)

SUGHRUE MION, PLLC  
+1 (202) 293-7060

Direct Telephone Calls to: (name and telephone number)

SUGHRUE MION, PLLC  
+1 (202) 293-7060

단독 혹은 최초 발명자의 성명		<b>Full name of sole or first inventor</b> Hyun-doo SHIN	
발명자의 서명	일자	Inventor's signature	Date <i>Shin Hyun-doo</i> 25 April 2002
거주지	Residence 510-1302 Mugigae Maeul Cheonggu Apt., 221 Kumi-dong, Pundang-gu, Seongnam-city, Kyungki-do, Republic of Korea		
국적	Citizenship Republic of Korea		
우편 주소	Mailing Address Same as Above		
만약 있으면, 두번째 공동 발명자의 성명		<b>Full name of second joint inventor, if any</b> Yang-lim CHOI	
두번째 발명자의 서명	일자	Second inventor's signature	Date <i>Yang-lim Choi</i> 25 April 2002
거주지	Residence 102-1112 Wooman Sunkyung Apt., 105 Wooman-dong, Paldal-gu, Suwon-city, Kyungki-do, Republic of Korea		
국적	Citizenship Republic of Korea		
우편 주소	Mailing Address Same as Above		

만약 있으면, 세번째 공동 발명자의 성명	<b>Full name of third joint inventor, if any</b> Bangalore S. Manjunath	
세번째 발명자의 서명	일자	Third inventor's signature <span style="float: right;">Date</span>
거주지	Residence 1071 N. Patterson Avenue, Santa Barbara, California 93111	
국적	Citizenship INDIA	
우편 주소	Mailing Address Same as Above	
만약 있으면, 네번째 공동 발명자의 성명	<b>Full name of fourth joint inventor, if any</b> Baris Sumengen	
네번째 발명자의 서명	일자	Fourth inventor's signature <span style="float: right;">Date</span>
거주지	Residence Department of Electrical & Computer Engineering, University of California, Santa Barbara, California 93108-9560	
국적	Citizenship TURKEY	
우편 주소	Mailing Address Same as Above	
만약 있으면, 다섯번째 공동 발명자의 성명	<b>Full name of fifth joint inventor, if any</b> Shawn Newsam	
다섯번째 발명자의 서명	일자	Fifth inventor's signature <span style="float: right;">Date</span>
거주지	Residence 4535 Oak Glen Drive, Apt., F., Santa Barbara, California 93110	
국적	Citizenship U.S.	
우편 주소	Mailing Address Same as Above	
만약 있으면, 여섯번째 공동 발명자의 성명	<b>Full name of sixth joint inventor, if any</b>	
여섯번째 발명자의 서명	일자	Sixth inventor's signature <span style="float: right;">Date</span>
거주지	Residence	
국적	Citizenship	
우편 주소	Mailing Address	



## DECLARATION AND POWER OF ATTORNEY FOR UTILITY OR DESIGN PATENT APPLICATION (37 CFR 1.63)

As a below named inventor, I hereby declare that: My residence, mailing address, and citizenship are as stated below next to my name. I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled:

### DATABASE BUILDING METHOD AND MULTIMEDIA CONTENTS

The application of which

is attached hereto

OR

was filed on April 2, 2001 as United States Application Number or PCT International Application Number 09/822,832 (Confirmation No. 8468), and was amended on \_\_\_\_\_ (if applicable).

I hereby state that I have reviewed and understand the contents of the above identified application, including the claims, as amended by any amendment specifically referred to above.

I acknowledge the duty to disclose information which is material to patentability as defined in 37 CFR 1.56, including for continuation-in-part application(s), material information which became available between the filing date of the prior application and the national or PCT international filing date of the continuation-in-part application.

I hereby claim foreign priority under 35 U.S.C. 119(a)-(d) or (f), or 365(b) of any foreign application(s) for patent, inventor's or plant breeder's rights certificate(s), or 365(a) of any PCT international application(s) which designated at least one country other than the United States of America, listed below and have also identified below, by checking the box, any foreign application(s) for patent, inventor's or plant breeder's rights certificate(s), or any PCT international application(s) having a filing date before that of the application on which priority is claimed.

Prior Application Number(s)	Country	Filing Date	Priority Claimed	
			Yes	No
			<input type="checkbox"/>	<input type="checkbox"/>

I hereby claim benefit under 35 United States Code §119(e) of any United States provisional application(s) listed below.

Application Number(s)	Filing Date
[F1]	[F2]

I hereby claim benefit under 35 United States Code §120 of any United States application(s) or §365(c) of any PCT International application(s) designating the United States, listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in a listed prior United States or PCT International application in the manner provided by the first paragraph of Title 35, United States Code, §112, I acknowledge my duty to disclose any information material to the patentability of this application as defined in 37 C.F.R. 1.56 which occurred between the filing date of the prior application and the national or PCT international filing date of this application:

Prior U.S. or International Application Number(s)	U.S. or International Filing Date	Status

I hereby appoint the following attorney(s) and /or agent(s) to prosecute this application and transact all business in the United States Patent and Trademark Office connected therewith.

John P. O'Banion	Registration No. 33,201
James M. Ritchey	Registration No. 32,594
Darryl Mexic	Registration No. 23,063
Peter A. McKenna	Registration No. 38,551
Paul F. Neils	Registration No. 33,102
Steven L. Smith	Registration No. 44,343
Rodger H. Rast	Registration No. 45,853

*RECEIVED  
MAY 28 2002  
Technology Center 2100*

I request that all correspondence about the application be addressed to:

Darryl Mexic  
**SUGHRUE MION, PLLC**  
2100 Pennsylvania Avenue, NW  
Washington, D.C. 20037-3213

**Direct Telephone Calls to:**  
Darryl Mexic  
(202) 293-7060



**23373**

PATENT TRADEMARK OFFICE

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under 18 U.S.C. 1001 and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

**NAME OF SOLE OR FIRST INVENTOR:**

Given Name (first and middle [if any])	BANGALORE S.			Family Name or Surname	MANJUNATH
---	--------------	--	--	------------------------	-----------

Inventor's Signature				Date	03/01/2002
----------------------	--	--	--	------	------------

Residence: City	SANTA BARBARA	State	CALIFORNIA	Country	U.S.	Citizenship	U.S.
-----------------	---------------	-------	------------	---------	------	-------------	------

Mailing Address: 1071 N. PATTERSON AVENUE						Country	U.S.
---	--	--	--	--	--	---------	------

City	SANTA BARBARA	State	CALIFORNIA	Zip	93111	Country	U.S.
------	---------------	-------	------------	-----	-------	---------	------

**NAME OF SECOND INVENTOR:**

Given Name (first and middle [if any])	BARIS			Family Name or Surname	SUMENGEN
---	-------	--	--	------------------------	----------

Inventor's Signature				Date	03/01/2002
----------------------	--	--	--	------	------------

Residence: City	SANTA BARBARA	State	CALIFORNIA	Country	U.S.	Citizenship	TURKEY
-----------------	---------------	-------	------------	---------	------	-------------	--------

Mailing Address: DEPARTMENT OF ELECTRICAL & COMPUTER ENGINEERING, UNIVERSITY OF CALIFORNIA						Country	U.S.
--	--	--	--	--	--	---------	------

City	SANTA BARBARA	State	CALIFORNIA	Zip	93108-9560	Country	U.S.
------	---------------	-------	------------	-----	------------	---------	------

**NAME OF THIRD INVENTOR:**

Given Name (first and middle [if any])	SHAWN			Family Name or Surname	NEWSAM
---	-------	--	--	------------------------	--------

Inventor's Signature				Date	3/1/2002
----------------------	--	--	--	------	----------

Residence: City	SANTA BARBARA	State	CALIFORNIA	Country	U.S.	Citizenship	U.S.
-----------------	---------------	-------	------------	---------	------	-------------	------

Mailing Address: 4535 OAK GLEN DRIVE, APT. F.						Country	U.S.
---	--	--	--	--	--	---------	------

City	SANTA BARBARA	State	CALIFORNIA	Zip	93110	Country	U.S.
------	---------------	-------	------------	-----	-------	---------	------

**NAME OF FOURTH INVENTOR:**

Given Name (first and middle [if any])	HYUN-DOO			Family Name or Surname	SHIN
---	----------	--	--	------------------------	------

Inventor's Signature				Date	
----------------------	--	--	--	------	--

Residence: City	SEONGNAM-CITY	State		Country	REPUBLIC OF KOREA	Citizenship	REPUBLIC OF KOREA
-----------------	---------------	-------	--	---------	-------------------	-------------	-------------------

Mailing Address: 510-1302 MUGIGAE MAEUL CHEONGGU APT., 221 KUMI-DONG, PANDANG-GU, SEONGNAM-CITY, KYUNGKI-DO, REPUBLIC OF KOREA						Country	KOREA
--	--	--	--	--	--	---------	-------

City	SEONGNAM-CITY	State		Zip		Country	KOREA
------	---------------	-------	--	-----	--	---------	-------

**NAME OF FIFTH INVENTOR:**

Given Name (first and middle [if any])	YANG-LIM			Family Name or Surname	CHOI
---	----------	--	--	------------------------	------

Inventor's Signature				Date	
----------------------	--	--	--	------	--

Residence: City	SUWON-CITY	State		Country	KOREA	Citizenship	REPUBLIC OF KOREA
-----------------	------------	-------	--	---------	-------	-------------	-------------------

Mailing Address: 102-1112 WOOMAN SUNKYUNG APT., 105 WOOMAN-DONG, PALDAL-GU, SUWON-CITY, KYUNGKI-DO, REPUBLIC OF KOREA						Country	KOREA
---	--	--	--	--	--	---------	-------

City	SUWON-CITY	State		Zip		Country	KOREA
------	------------	-------	--	-----	--	---------	-------